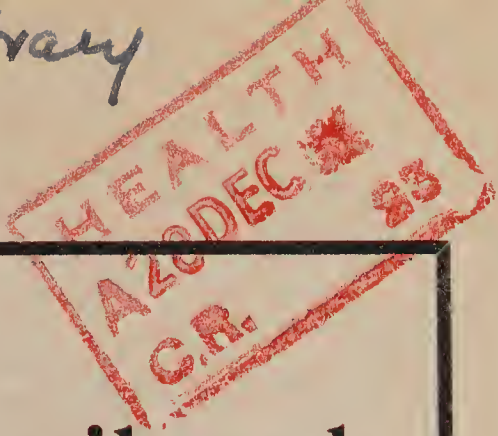


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Urban District of Kenilworth

ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1960

BY

D. LIVINGSTONE, M.B., D.P.H.,

MEDICAL OFFICER OF HEALTH

OF THE

Warwickshire Combined Districts

Leamington Spa

A. TOMES LTD., PRINTERS, 46, BEDFORD STREET

1961

38, HOLLY WALK,
LEAMINGTON SPA.
September 25th, 1961.

To the Kenilworth Urban District Council

Mr. CHAIRMAN, LADIES and GENTLEMEN,

I have the honour to present to you my annual report upon the health of the urban district for the year 1960. This year has been marked by a further growth of population and by the building of over 300 new houses. The rates for births and deaths have been satisfactory. There was no epidemic of any disease.

The steady growth of the town brings with it an increase in household refuse for disposal. The Council decided to operate a bonus scheme for its scavenging workers making 280 bins a daily target and paying threepence per bin lifted over the amount with special arrangements for large premises having several bins. This scheme, which is estimated to give the men a bonus of the order of 50/- weekly, appears to have had good results. At the tip itself some unpleasant odours arose when tipped wastes came in contact with standing water in part of the former brickworks and it was necessary to take urgent steps to pump away the water into the sewers.

Great improvements were planned for the open-air swimming bath. These were to provide a new entrance, a new cubicle changing block and refreshment kiosk. The changing accommodation is to provide 24 cubicles for each sex served by 176 lockers each with a total reserve of 96 lockers. The kiosk is to be 38 feet by 24 feet giving room for shop, kitchen, store and W.C. in brick.

In the field of housing an interesting venture was the scheme, approved by the Minister of Housing, to build 17 old persons' dwellings on a communal site having also quarters for a warden. A sixty year subsidy of £10 per annum was payable by the Ministry, and £2 10s. per annum by the Warwickshire County Council together with a further grant by the latter in respect of 16 dwellings. The group will have a warning bell system and television.

The Council prepared a report upon slaughterhouses serving the district and, after public advertisement, submitted this to the Ministry as required by regulation. Improvements at 16 High Street were carried out during 1960.

Caravans again appeared upon land in Rouncil Lane, which had previously been used for this purpose without the

appropriate licence, and were stationed there for periods up to 65 days. It was, therefore, resolved to take all necessary steps to prevent further infringements of the Public Health Act.

I have again been fortunate in experiencing the good will and kindness of all the members of the Council and the fullest co-operation from the Surveyor, Mr. Sillifant and other officers. I offer my sincere thanks to the many who have helped me in various ways throughout the year.

I am,

Your obedient servant,

D. LIVINGSTONE,

Medical Officer of Health.

Kenilworth Urban District

A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Area	...	...	...	...	5,967 acres
No. of inhabited houses	...	...	...	...	4,414
Product of a penny rate	...	...	...	...	£762
Rateable value	...	...	...	...	£178,151
Population (estimated) Mid-year, 1959	...	...	...	...	14,250
Birth Rate per 1,000 population	(Crude)	...	...	...	16.7
	(Corrected)	...	...	...	15.0
Still Birth Rate—Rate per 1,000 total births	...	...	...	...	8.3
Death Rate per 1,000 population	(Crude)	...	...	...	9.5
	(Corrected)	...	...	...	11.9
Deaths from Diseases and Accidents of Pregnancy and Child-birth	}		From Sepsis	...	—
			From other causes	...	—
Death Rate of Infants under 1 year of age :—					
All Infants per 1,000 live births	...	...	...	...	12.6
Legitimate Infants per 1,000 legitimate live births	...	...	...	...	13.0
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	...	—
Deaths from Measles (all ages)	...	...	...	...	—
,, ,, Whooping Cough (all ages)	...	...	...	...	—
,, ,, Diarrhoea (under 2 years of age)	...	...	...	...	—

The population has increased by 820 persons. The natural increase (*i.e.* excess of births over deaths) was only 103 so that substantial immigration continues.

Statistics for England and Wales are shown at the foot of Table II.

B. GENERAL PROVISION OF HEALTH SERVICES IN THE DISTRICT

1. Staff of Public Health Department

Medical Officer of Health (part-time), Dr. F. D. M. Livingstone, M.B., B.Chir. (Cantab.), M.R.C.P. (London), D.C.H., D.P.H.

Deputy Medical Officer of Health (part-time), Dr. C. T. Jones.
Chief Public Health Inspector and Surveyor, G. A. J. Edmundson, M.I.Mun.E.

Assistant Surveyor and Public Health Inspector, H. Sillifant.

2. *Public Health Laboratories.*—The Public Health Laboratory at Stoney Stanton Road, Coventry examine specimens in connection with the control of communicable disease. Routine examinations are also made of water, milk, ice-cream, etc. Dr. J. M. Whitehead and his colleagues have invariably given the fullest co-operation.

An Infant Welfare Centre is held at the Clinic, Station Road, on Tuesdays and Thursdays, 2-0—4-0 p.m.

C. SANITARY CIRCUMSTANCES OF THE DISTRICT

1. *Water Supply*.—The water supply to the area, which is now from four boreholes, has generally been satisfactory in quality and quantity. The new borehole at Birmingham Road has consistently yielded 100,000 gallons per day ; the remainder of the water is supplied from the older boreholes at Mill End. At the Mill End Station only two of the three pumps have been in action these being the No. 2 borehole operated by the Harland pump, and the No. 3 borehole with the Pulsometer pump. Tenders for a new pump to the No. 1 borehole have been sought by public advertisement. The extra load placed on the two working boreholes depressed the water table, but not to such an extent as to affect the required output. The two pumps gave respective yields of 12,000 and 15,000 gallons per hour. They worked satisfactorily throughout the whole year although permitted shorter rests than in previous years.

The pumping levels were tested, particularly in June, when they were found to be 60ft. and 76ft. below ground level. The No. 3 borehole, which gives the larger yield, fluctuated between 40ft. and 50ft. below ground level at rest and dropped at times to 94ft. below ground level while pumping. It was very fortunate that the Birmingham borehole was in full commission.

The total amount of water pumped during the year was 176,230,000 gallons from Mill End Pumping Station and 34,576,000 gallons from the Birmingham Road borehole. This gave an average of 575,701 gallons per day or a decrease of 26,161 gallons per day. A reduction of $4\frac{1}{2}\%$ over the year before was probably due to (a) the very hot summer of 1959, and (b) restrictions placed on the use of hoses and sprinklers for cars and garden purposes from 1st June to 30th September, 1960.

During the year water main extensions have been necessary as follows :—

6in. mains, Spring Lane, Whateleys Drive, Oaks Estate ; 4in. mains, off Spring Lane, Park Hill, Mortimer Road, Oaks Estate, Mercia Avenue, Farmer Ward Road, The Gardens, Arden Road ; 3in. mains, Tulip Tree Avenue, Sunningdale Avenue, Clarkes Avenue. Five meter services were installed, and three discontinued. 130 new water services were made, water main repairs were necessary on seven occasions, and 45 service repairs were attended to.

Two chemical analyses were taken of the raw water, one from the Birmingham Road Borehole and one from the Mill End Pumping Station, the results of which are appended.

Water Analysis. Results expressed in parts per 1,000,000.
Received on 3rd December, 1960.

Description: No. 1 Sample from Birmingham Road Borehole, 9 a.m., 2/12/60.

Appearance: Bright, few small particles.

Ammoniacal Nitrogen	...	...	...	0
Albuminoid Nitrogen	...	...	...	0.007
Chlorine in Chlorides	...	...	...	24.5
Nitrate Nitrogen	...	...	...	1.8
Oxygen absorbed from permanganate at 27°C.				
in 4 hours	...	...	...	0
Total Solids dried at 100°C.	...	...	...	488
Nitrate Nitrogen	...	...	...	0.003
pH	...	...	...	7.27
Free Chlorine	...	...	...	Absent
Radioactivity	...	...	...	—
Iron	...	...	...	Absent

This sample is organically of good quality.

Water Analysis. Results expressed in parts per 1,000,000.
Received on 3rd December, 1960.

Description: No. 2 Sample from Mill End Pumping Station, 9 a.m., 2/12/60.

Appearance: Bright, few small particles.

Ammoniacal Nitrogen	...	...	...	0
Albuminoid Nitrogen	...	...	...	0.007
Chlorine in Chlorides	...	...	...	25.0
Nitrate Nitrogen	...	...	...	3.0
Oxygen absorbed from permanganate at 27° C. in 4 hours	...	...	...	0
Total Solids dried at 100° C.	...	...	...	460
Nitrite Nitrogen	...	...	...	0.003
pH	...	...	...	7.27
Free Chlorine	...	...	...	Absent
Radioactivity	...	...	...	—
Iron	...	...	...	Absent

This sample is organically of good quality.

In addition to the above, there were 26 bacteriological analyses of raw water, all of which were satisfactory.

Almost every inhabitant is now served by a piped supply ; the only exceptions are isolated properties in the rural part of the district, which have their own wells. There are no stand-pipe supplies used for domestic purposes. The number

of dwelling houses supplied from the public watermain is 4,378 occupied by 14,124 persons. This leaves 36 houses and 126 persons only outside your distribution area.

During the year a scheme has been prepared for automatic control at the pumping stations. Tenders were invited, but no binding decision had been finally taken. The maintenance of the pumping stations and the water works equipment have been kept at the usual good standard.

2. *Sewerage and Sewage Disposal Works.*—During the period 26 sewer stoppages have been removed, and sewer scraping and cleaning continued in Lower Ladyes' Hill, The Close, Stoneleigh Road and Stoneleigh Avenue, Mill End, Park Hill, Dalehouse Lane and Abbey Fields. As a result some 9 tons of silt was removed. Owing to the difficulty of access for cleaning to the Abbey Fields sewer, two new man-holes were provided.

A scheme for surface water drains and auxiliary sewers was prepared for Common Lane, Windy Arbour, Birches Lane, Abbey Fields and School Lane. The two last named were for foul sewer relief to the existing Abbey Fields sewer, due partly to the extensive development in the Borrowell Lane area. The work was commenced during this year.

Sewerage of the district will be much improved when the present contracts are completed but an additional sewer must be laid in order to provide for ultimate developments from The Close downwards, and in the Malthouse Lane area. New sewer connections have been provided as required, and they have included complete areas of large estates built by private developers in the district.

In January, when 1.15 inches of rain fell in one evening, there was much flooding in the Abbey Fields and also in Fieldgate Lane. A further heavy rainfall occurred on the 22nd-23rd June when there was 1.39 inches. There was also an excessive rainfall on the 22nd September when 1.05 inches caused flooding in Birches Lane and Mill End. To minimise chances of recurrence there must be carried out an extensive surface water drainage scheme for the Mill End area of the town. Constant checking and cleaning of the existing surface water drains will, however, much alleviate the situation. A scheme of auxiliary sewers and surface water drains has been commenced and provision is made therein to deal with the flooding in Warwick Road, referred to in last year's Report.

At the Sewage Disposal Works normal maintenance has continued, albeit in some cases under considerable difficulty. The new works, when completed, will comprise ten 5ft. deep

filter beds, as against the existing six of 3ft. 6in. depth. The existing settling tanks are being modified and there will be provided new sludge digestion tanks, storm water storage tanks, storm water pumping plant, properly constructed sludge lagoons and humus tanks. Where necessary there will be electrical operation. The work is in hand and should be completed within the next 18 months. One hopes that its completion will relieve the dreadful river pollution which has gone on for so many years.

A request was received from the Warwick Rural District Council asking if you would allow fourteen houses in Crackley Crescent to be connected to your sewerage system. The houses are at present served by a small tank system, and are situated immediately outside the urban boundary on the main road leading to Coventry. You are agreed in principle that these houses could be connected to your system, but there has not yet been any further development.

The gully emptying by contract throughout the district has continued with the normal quarterly attention. There are very few cesspools in the district, and these, when so required, are emptied by private arrangement.

3. *Rivers and Streams.*—Water courses in Red Lane, Crackley Lane, Beehive Hill and Rouncil Lane were piped during the year, and water courses in Glasshouse Lane, Leyes Lane and Windy Arbour were cleaned and re-shaped. Repairs were necessary to surface water drains in Albion Street and Spring Lane.

A scheme has been prepared and will be undertaken as soon as possible to modify the surface water drainage in Windy Arbour and Birches Lane as well as to reconstruct the existing system and lay considerable lengths of new surface water drains.

4. *Public Cleansing.*—The system of incentive pay was reviewed by you in connection with refuse collection and disposal, and was left unchanged as it had been satisfactory to all concerned. The larger amounts of house refuse in your district are still being removed by two vehicles, both of the covered-in rear-loading type. Weekly collection is maintained unless there are mechanical breakdowns.

The house refuse has all been deposited at the Whitemoor Brickworks site, where much trouble arose through collection of a large amount of water. You have agreed to the installation of an electrically operated pump to reduce the water level,

and this has been put in hand. Temporary pumping has had to be done meanwhile, and this has kept the water level to reasonable limits. The tracked vehicle purchased in the previous year has contributed to the better maintenance of the site, and has eliminated many complaints. The site is now kept well levelled and covered, as a considerable quantity of free coverage material has been obtained from time to time.

D. HOUSING

Number of houses built by :		1960	1959	1958
(a) Local Authority	(houses 18)	43	—	9
	(flats 25)			
(b) Private enterprise	... ..	263	215	91
Total number of completed houses owned by Council		784	741	741
Total number of prefabricated houses owned by the Council		50	50	50
Houses converted into flats, maisonnettes, etc., and into two houses ...		1	—	—
Number of demolition orders made		7	23	—
Number of houses demolished ...		3	—	—
Number of houses demolished and owned by the Council		1	—	24
Closing of unfit houses		—	—	1
Number of unfit houses made fit :				
(a) by Official Notices		7	—	—
(b) informally		34	41	38

In this year the Council completed one block of fifteen one-bedroom flats in three storeys at St. John's Street, and one block of ten flats in two storeys—four one-bedroom and six 2-bedroom—and four blocks of three-bedroom houses, all at Finham Road, and one block of four three-bedroom houses at Oaks Road.

The work commenced on the building of a block of one-bedroom flats and bungalows for old persons. This development is sited fronting onto Beauchamp Road, and consists of eight bungalows and eight flats ; four on the ground floor and four on the first floor ; a central communal room and kitchen, with the Warden's flat over ; the whole under one roof. The bungalows and flats will be wired with a bell system and for television.

The Rent Act, 1957.—During the year three applications were received for Certificates of Disrepair. These were thoroughly investigated, and considered on their merits. Notices of proposal to issue Certificates of Disrepair were issued, and the landlords gave undertakings to carry out the specified repairs in each case. No certificates as to the remedying of defects were issued.

Improvement Grants.—Since the introduction of the Housing Purchase and Housing Acts, 1959, many applications have been approved under the new Standard Grants system. These totalled 31, and in addition 4 discretionary grants were approved. Most applicants were owner-occupiers and only six were landlords. There are very many properties in Kenilworth which could and should be improved with the aid of standard grants and landlords have not taken advantage of this scheme. Even if they are not as mindful of their tenant's comfort and welfare as one could wish it seems only common prudence to avail oneself of substantial grants of public money while they are available and the houses still of a suitable standard to qualify.

E. INSPECTION AND SUPERVISION OF FOOD

(a) *Milk Supply*—Thirteen registrations under the Milk and Dairies Regulations 1949 to 1954 were made. Four supplementary Licences were issued to sell tuberculin tested milk and five supplementary ones for pasteurised and sterilised milk. Four dealers' licences to sell tuberculin tested milk and six for pasteurised milk have been issued, and the normal regular inspections of such premises were made throughout the year.

(b) *Ice Cream.*—Forty-six premises have been registered under Section 16 (a) Food and Drugs Act, 1955. There are now no manufacturers in the district.

(c) *Preserved Food.*—Eleven premises are registered under Section 16 (b) Food and Drugs Act, 1955. Food is prepared in this district under suitable conditions.

During the year 416 visits have been made to private slaughterhouses in the district for the purpose of meat inspections.

The following is the statistical information with regard to the inspection of meat :—

MEAT INSPECTION.

YEAR 1960

Carcases and Offal inspected and condemned in whole or in part

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	584	51	119	4516	1624	None
Number inspected ...	584	51	119	4516	1624	None
<i>All diseases except Tuberculosis and Cysticerci</i> ... Whole carcasses condemned	None	None	5	4	1	None
Carcases of which some part or organ was con- demned	105	33	None	124	60	None
Percentage of the num- ber inspected affected with disease other than tuberculosis and cysti- cerci	17.97%	64.70%	4.20%	2.83%	3.69%	None
<i>Tuberculosis only :</i> Whole carcasses condem- ned	None	None	None	None	None	None
Carcases of which some part or organ was con- demned	1	None	None	None	9	None
Percentage of the num- ber inspected affected with tuberculosis ...	0.17%	None	None	None	0.55%	None
<i>Cysticercosis :</i> Carcases of which some part or organ was con- demned	None	2	None	None	None	None
Carcases submitted to treatment by refrigera- tion	None	2	None	None	None	None
Generalised and totally condemned	None	None	None	None	None	None

The Meat (Staining and Sterilizing) Regulations 1960, dealing with the disposal of unsound meat, came into force in November. A circular letter was sent to all meat traders in the area advising them of the provisions of the Regulations. Arrangements were made with Messrs. Thomas Birch & Co. of Stratford-on-Avon to remove all unsound meat from the slaughterhouses for thorough sterilisation.

(d) *Other Trades*.—All premises where food is prepared or sold were inspected as frequently as time allowed. In general conditions were found to be satisfactory. Where necessary informal notices were served. In addition one Statutory Notice was served under the Food Hygiene Regulations Act 1955 in respect of certain sanitary defects at a greengrocer's premises.

FOOD AND DRUGS ACT, 1955, SECTION 31

Tuberculous Milk Investigation Milk Samples for biological examination during the year 1960 were taken by officers of the County Council within the district as shown below :—

				<i>Total No. of Samples</i>	<i>No.: Positive</i>
<i>Designation of Milk</i>					
Pasteurised	...	...	...	—	—
“ Tuberculin Tested (Pasteurised) ”		...	...	—	—
“ Tuberculin Tested ”		...	...	5	—
Non-Designated	...	...	...	2	—

The results were therefore satisfactory in each instance. I am indebted to the County Medical Officer of Health for these figures. In the event of a positive sample there is the fullest co-operation between the County and District health department staffs and the Divisional Veterinary Officer so that appropriate action may be taken in regard to livestock or milk which is deemed to be infected with a disease communicable to man.

F. PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASE

Incidence of Major Infectious Diseases since 1953

		Diphtheria.	Scarlet Fever.	Enteric Fever.	Pneumonia.	Anterior Poliomyelitis	Puerperal Pyrexia.
1953	...	—	1	1	3	5	—
1954	...	—	—	—	2	—	1
1955	...	—	4	—	9	—	—
1956	...	—	—	—	4	—	1
1957	...	—	1	—	3	5	1
1958	...	—	1	—	—	—	5
1959	...	—	—	—	—	—	—
1960	...	—	1	—	1	—	—

Reference to Table III will give the age distribution of the cases notified during 1960.

This was another satisfactory year as apart from limited prevalence of measles and whooping cough there was no outbreak of any consequence and nobody was removed to an isolation hospital. It is no longer possible to give immunisation details for each sanitary district within the central area. This work has grown so much that to continue filing the information in this way would have made necessary additional clerical help. The records are now being kept for the area as a whole and every effort will be made to keep members well informed of the situation. The results obtained in 1960 for the area as a whole showed a very satisfactory position as regards vaccination against diphtheria, poliomyelitis and whooping cough. The level of protection against smallpox is, however, capable of some improvement and with the popularisation of air travel to and from places abroad the matter becomes of increasing importance.

TUBERCULOSIS, 1960

Age Periods	New Cases				Transfers into District				Deaths			
	Pul- monary		Non- Pul.		Pul- monary		Non- Pul.		Pul- monary		Non- Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0 ...	—	—	—	—	—	—	—	—	—	—	—	—
1-5	—	—	—	—	—	1	—	—	—	—	—	—
5-10	—	1	—	—	—	—	—	—	—	—	—	—
10-15	—	—	—	—	—	—	—	—	—	—	—	—
15-20	—	—	—	—	—	—	—	—	—	—	—	—
20-25	1	—	—	—	—	—	—	1	—	—	—	—
25-35	2	1	—	—	—	2	—	—	—	—	—	—
35-45	—	—	—	—	—	—	—	—	—	—	—	—
45-55	—	1	—	—	—	—	—	—	—	—	—	—
55-65	—	1	—	—	—	—	—	—	1	—	—	—
65 & upwards	—	—	—	—	—	—	—	—	—	—	—	—
	3	4	—	—	—	3	—	1	1	—	—	—

The figures for new cases were lower this year and below average for the last decade. Only one death occurred from this disease and there have been only eleven deaths in the past ten years.

The Miniature Mass Radiography Unit paid a short visit to Kenilworth between 19th and 24th August, 1960 ; in addition the unit was at Leamington Spa regularly on the third Monday in each month to X-ray patients referred by doctors.

Prevention—B.C.G. (Contact Scheme)

B.C.G. Vaccine is given to child contacts of infective cases and to certain special risk groups such as health service staffs. In every case a prior skin test is done to ensure that vaccine is given only to negative reactors.

B.C.G. (Scholar's Scheme)

The scheme continued in county schools for 13-year-old children to have tests of skin sensitivity to tuberculin and for negative reactors to be given an intradermal injection of

B.C.G. vaccine. The figures of work done in Kenilworth schools are given below.

Year of Birth	No. skin tested	Positive	Negative	Total given B.C.G. Vaccine
~~1947~~	~~00 157~~	~~00 17~~	~~00 140~~	~~00 135~~
~~1946~~	~~00~~	~~00~~	~~00~~	~~00~~

Nearly all negative reactors were subsequently vaccinated. X-ray and follow-up tests are made when any child gives a strong positive reaction to the Heaf test.

Tuberculosis.—The following table shows the cases notified, and deaths for the past 20 years:—

	1941	1942	1943	1944	1945	1946	1947
Cases ...	14	11	9	10	9	9	4
Deaths...	8	5	2	3	1	3	6
	1948	1949	1950	1951	1952	1953	1954
Cases ...	1	14	3	3	13	15	15
Deaths...	2	3	—	3	2	1	—
	1955	1956	1957	1958	1959	1960	
Cases ...	13	15	5	6	12	7	
Deaths...	—	—	2	1	1	1	

Treatment.—6 patients were admitted to the Sanatorium for treatment during the year, and 8 were discharged.

CLEAN AIR ACT, 1956

The chimney stack of the Cherry Orchard brickworks has been raised by twenty feet and an improvement was noticed by near residents. Prior approval was given to an industrial applicant in regard to an oil-fired appliance. After consulting the Warwickshire Clean Air Council it was decided to ask for a chimney height of thirty feet. This is thought to be the shortest permissible stack for oil fired boilers of the size concerned.

Prior approval was granted subject to conditions upon an application under Section 3 of the Act by Messrs. John Ackworthie and Son.

NATIONAL ASSISTANCE ACT, 1948

In no case was it necessary to operate the provisions of sections 47 and 50 of this Act during 1960.

REPORT OF THE PUBLIC HEALTH INSPECTOR

*To the Chairman and Members of
The Kenilworth Urban District Council.*

Mr. CHAIRMAN, LADIES AND GENTLEMEN,

It is with pleasure that I submit to you my 24th Annual Report as your Public Health Inspector, for the year ending 31st December, 1960.

During the year there has again been a large amount of private building which has required water main and sewer extensions and modifications to surface water drainage. The auxiliary sewer which was brought into use on the east side of the town has been of considerable value, and additional auxiliary sewers have also been planned for the Abbey Fields area.

Your own development has consisted of the completion of houses at Dalehouse Lane and Oaks Road together with flats at St. John's Street and Finham Road, and the commencement of old persons' dwellings in Beauchamp Road.

Considerable water main extensions have been necessary, and a scheme is being prepared for linking up the Malthouse Lane area with Rounds Hill.

The schemes already prepared and envisaged should bring your drainage and water supply services into a reasonably satisfactory state, even when allowing for the developments already approved under planning. Schemes have also been considered for the completion of the Finham Road estate at its junction with Dalehouse Lane, and the utilisation of land available at Beauchamp Road.

The Sewage Disposal Works modifications have been proceeding, and the general upset of the site, although quite unavoidable, has caused considerable difficulty in the proper running of the old plant.

Flooding has been much less this year than previously, no doubt due to the sewer scraping and cleaning of the water courses which has gone on in the district. Since the completion of the small modifications to the surface water drain in Fieldgate Lane, there has, I am pleased to say, been no further trouble in this area.

May I conclude by being allowed to say how much I have appreciated the loyalty, co-operation and zeal of all the members of the department, which have added much to the smooth running of the office. My sincere thanks are also due to Dr. Livingstone and his staff for their help at all times, and to the Members of the Council for the assistance you have always given, and the tolerance which you have shown both individually and collectively.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

G. A. J. EDMUNDSON,

Public Health Inspector.

Nuisances

A number of visits and inspections have been made for dealing with reported nuisances. Generally these have been dealt with by informal notices, but it was found necessary to serve Statutory Notices in respect of seven properties. Most of the work specified in these notices was completed during the year.

Infectious Diseases

Details of all infectious diseases notified are given by the Medical Officer of Health in another part of this report.

Disinfection of Premises

Where requested, disinfection of premises has been carried out. In all serious cases this service is provided free of charge.

Drainage and Sewerage

Defects in the drainage system which required attention through blockages numbered 26. Sewer scraping was attended to at Lower Ladys' Hill, The Close, Stoneleigh Road, Stoneleigh Avenue, Mill End, Park Hill, Dalehouse Lane and Abbey Fields. There was a certain amount of flooding in the district at Mill End and Fieldgate Lane. The latter has been rectified by some minor relaying, and in the case of flooding generally, this has been minimised considerably by the new sewer on the east side of the town and the sewer cleaning.

A scheme has been prepared, and will be proceeded with as soon as it can be arranged, in laying auxiliary pipe lines through the Abbey Fields, and at Warwick Road, between Rouncil Lane and St. John's Street, all necessitated by surcharging through large estate developments.

The modifications at the Sewage Disposal Works are continuing, and have naturally caused considerable difficulty in the maintenance of the existing old plant. This has been attended to as well as possible, and the normal maintenance work has been hampered by the new works, and also by the ever increasing volume being dealt with.

Public Cleansing and Salvage

The mechanical sweeping of the roads and streets in the district has continued satisfactorily. The centre of the town is machine swept twice a week, and the other roads weekly, with outlying districts monthly. Hand sweeping is carried out by three men, which is essential in the centre of the town, and for dealing with the weeding and cleaning of footpaths. The grass verges are mechanically cut. Apart from the areas where cars are parked, they have generally been considerably improved by this process.

The weekly collection of house refuse has continued, and there has been a considerable improvement in the maintenance of the refuse disposal site at the Whitemoor Brickworks. Considerable quantities of material for covering refuse have been delivered free, and this, together with the tracked machine, which is used for the spreading and levelling, has helped very considerably to keep the site free from

nuisance. The water, which has been such a source of trouble, partly due no doubt through the very wet season, has been kept down by a mechanical pump. You have already agreed that this shall be replaced by an electrically operated one as soon as a supply of electricity can be obtained.

A large number of people are obtaining bins through the Local Authority, and this is automatically bringing a standardisation in size and design. The number maintained by you, including those supplied to your own properties, is now about 1,536.

The bonus system is still of considerable advantage to the house refuse collection programme, and materially assists in maintaining a regular service, although the number of properties increases weekly. It must be a considerable satisfaction to you that the service is being maintained by two vehicles. The additional properties will no doubt require larger crews for this work as time goes on.

Improvement Grants

During the year 31 applications were approved for Standard Grants and 4 for Discretionary Grants. These were mainly concerned with the provision of bathrooms and hot water systems. There are a large number of properties in Kenilworth which are suitable for improvement by grants, and it is hoped that more landlords will take advantage of this scheme. If properly improved these can provide good housing accommodation, but if neglected, can, and no doubt will, degenerate into slums.

Clean Air Act

Measuring instruments to assess the nature and degree of atmospheric pollution are still being maintained at the Council's Depot, and daily readings are taken. The concentration of atmospheric pollution is calculated, and this information is submitted to the Warwickshire Clean Air Council, and to the Department of Scientific and Industrial Research at their Warren Springs Laboratory.

One application was approved for prior approval to instal an oil fired boiler at a factory in Dalehouse Lane.

Open Air Bathing Pool

The Swimming Pool was opened on the 21st May and closed on the 25th September. The attendances, with comparisons for the two previous years, are as follows :—

			1960	1959	1958
Adults	...	...	6,714	14,246	4,731
Children	...	...	11,573	20,028	10,450
Spectators	...	...	5,895	9,340	4,820
Sundays	...	...	7,785	10,711	4,705

The break-point chlorination system has worked very satisfactorily, and enabled a high standard to be maintained. The baths are provided with a Horsley-Piggott filtration system which consists of a filter shell containing graded Leighton Buzzard sand. The plant which uses soda ash and alumina, circulates the water two or three times daily. The bathing pool is emptied at the end of the season and thoroughly cleaned

out and re-coated with Snowcem. In the spring, before the bathing season commences, the pool is filled with water from the town mains, and the filtration circulating system obviates the need for any additional water during the season.

Consideration is now being given to the replacement of the existing wooden cubicles by a more modern block, and also to provide an additional terrace area.

No bacteriological samples were sent for analysis, but regular and very frequent tests were made for chlorine content.

Verminous Premises

During the year four verminous premises were dealt with. In each case disinfestations were carried out by the Department.

Food and Food Premises

(a) *Food Hygiene Regulations, 1955.*—The inspection of food premises continued throughout the year. Conditions generally were found to be reasonably satisfactory. Informal notices were served where necessary, and one Statutory Notice in respect of a greengrocer's premises was served. These notices were subsequently complied with.

(b) *Milk and Dairies Regulations, 1949-1953.*—There were thirteen distributors of milk registered at the end of the year.

The following licences to sell Designated Milk were issued :—

Milk (Special Designation) (Raw Milk) Regulations, 1949.

Supplementary licences (Tuberculin Tested)	...	4
Dealers' Licences (Tuberculin Tested)	... ..	4

Milk (Special Designation) (Pasteurised and Sterilised) Milk Regulations, 1949.

Supplementary licences (Pasteurised)	... ..	5
Dealers' licences (Pasteurised)	... ..	6

One complaint of a dirty bottle was investigated.

(c) *Ice Cream.*—Two premises have ceased to deal in ice cream and three have been added during the year. There are now forty-six premises on the register.

(d) *Meat and Meat Products.*—Slaughtering has been continued at two premises. 6,894 animals have been slaughtered and inspected. This has entailed a daily, and sometimes twice daily, visit to the slaughterhouses.

In accordance with the provisions of the Slaughterhouses Act, 1958 a report was made to the Ministry on :—

- (a) the existing and probable future requirements of this district for slaughtering facilities, and
- (b) the facilities which are, or are likely to become, available to meet these requirements.

Schedules of works required to bring the slaughterhouses to the standard laid down by the Slaughterhouses Regulations were prepared and submitted to the owners of the premises concerned. Improvements to the slaughterhouse at 16, High Street were completed during the year.

Slaughter of Animals Acts 1933 to 1954. The number of premises registered (etc.)

There have been 9 renewals to slaughter or stun animals under the tered for the manufacture of sausages, potted, pressed, pickled or pre-served food intended for sale is now 12.

(e) *Other Food Preparing Premises.*—Catering establishments have been visited and the general standard is satisfactory.

Unfit Food

The following foodstuffs were voluntarily surrendered as being unfit for human consumption :—

11 tins Ham	...	...	...	99 lbs.
10 tins Corned Beef	...	...	...	60 lbs.
1 tin Turkey	...	...	...	14 lbs.
Soup	...	...	...	7 tins
Tinned Fruit	...	...	...	69 tins
Various Tinned Foods	...	...	...	19 tins
Tinned Vegetables...	...	...	...	2 tins
Jams	...	...	...	6 jars
Tinned Milk	...	...	...	12 tins
Crumpets	...	...	...	26 doz.

The goods were all destroyed on your refuse tip.

Factories

The number of factories on the Register is 55 ; of these 54 are power factories and one non-power factory. Most of these premises are modern, and are well-maintained. Eight informal notices have been served in connection with sanitary conditions, and these have been complied with.

Prevention of Damage by Pests Act, 1949

The Rodent Operator has been engaged mainly on rodent control, although his duties include in general public health work, and in particular, house disinfection, and daily treatment on the refuse tip for flies during the summer months. In addition 104 wasps' nests were destroyed. An extensive treatment of the sewers was carried out during the year.

By the end of the year 19 farm contracts had been acquired at a value of £160 per annum. This represents a sum of £39 over the previous year. All reported infestations were dealt with promptly.

Caravans and Temporary Dwellings

After repeated requests, the owner failed to remove the caravans on an unauthorised site in Rouncil Lane. It was then necessary to bring the matter before the Magistrates' Court in July, and a fine of £5 with three guineas costs was made on the owner, with a further fine of £2 for every day the offence continued after the conviction.

New Buildings

324	Houses and Bungalows
21	Flats
14	Estate layouts
413	Garages
12	Workshops and extensions
1	School
5	Changes of use
2	New shop fronts
1	Conversion into 11 flats
52	Alterations and additions
3	Offices and stores
2	Petrol tanks
1	New Vestry
1	Presbytery
1	Showroom
1	Football pitch and changing rooms
1	Tennis Court
1	Site for licensed premises
1	Milk parlour.

TABLE I.
KENILWORTH URBAN DISTRICT.
SUMMARY OF WORK DONE IN THE PUBLIC HEALTH INSPECTOR'S
DEPARTMENT DURING THE YEAR, 1960.

	Inspections and observations made	Notices served and complied with			
		In-formal	In-formal abated	Formal	Formal abated
GENERAL SANITATION.	Water Supply	17	—	—	—
	Drainage	52	8	8	—
	Stables and Piggeries	14	4	4	—
	Fried Fish Shops	6	2	2	—
	Tents, Vans and Sheds	42	7	7	1
	Factories	59	8	8	—
	Workplaces	—	—	—	—
	Bakehouses	10	—	—	—
	Public Conveniences	2	—	—	—
	Theatres and Places of Entertainment	—	—	—	—
	Refuse Collection	74	18	18	—
	Refuse Disposal	154	—	—	—
	Rats and Mice	174	4	4	—
	Miscellaneous	140	—	—	—
	Knackers Yard	2	—	—	—
HOUSING.	UNDER PUBLIC HEALTH ACTS :				
	No. of houses inspected ...	44	28	26	3
	Visits paid to above houses	71	—	—	—
	UNDER HOUSING ACTS :				
	No. of houses inspected ...	42	17	18	—
	Visits paid to above houses	61	—	—	—
	UNDER RENT ACT, 1958 :				
	No. of houses inspected ...	3	—	—	3
	Visits paid to above houses	6	—	—	—
	VERMINOUS PREMISES :				
MEAT AND FOOD INSPECTION. I.D.P.	No. of houses inspected ...	4	—	—	—
	Visits paid to above houses	10	—	—	—
	Applicants for Council Houses	6	—	—	—
	Inquiries in cases of I.D. ...	3	—	—	—
	Visits re Disinfection	3	—	—	—
	Miscellaneous infectious disease visits	—	—	—	—
	INSPECTION OF MEAT :				
	Visits to Slaughterhouses ...	416	—	—	—
	VISITS TO :				
	Butchers	16	2	2	—
	Fishmongers and Poulterers ...	4	2	2	—
	Grocers	48	7	7	—
	Greengrocers and Fruiterers ...	16	—	—	—
	Dairies and Milkshops	7	—	—	—
	Ice-cream Premises	38	—	—	—
	Restaurants	14	4	4	—
	Public Houses	4	—	—	—
	Miscellaneous Food visits ...	44	—	—	—
		1606	111	110	7
					7

Quantity of Unsound Food Voluntarily Surrendered	No. 426lbs.
Quantity of Unsound Meat Condemned... ..	2957lbs.
Seizure of Unsound Food	—
Samples of Ice-cream taken for Examination	—
Samples of Well Water taken for Examination	—

PRECAUTIONS AGAINST INFECTIOUS DISEASE		
Houses disinfected after cases of Infectious Disease	—	
Schools disinfected after cases of Infectious Disease	—	
Lots of Bedding steam disinfected or destroyed	4	
Prosecutions for Exposure of Infected Persons or things	—	
Convictions for Exposure of Infected Persons or things... ..	—	
Prosecutions for failure to notify existence of Notifiable Disease	—	
Convictions for failure to notify existence of Notifiable Disease	—	

G. A. J. EDMUNDSON,
Public Health Inspector.

TABLE II.

KENILWORTH URBAN DISTRICT

VITAL STATISTICS OF WHOLE DISTRICT DURING 1960
AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.		Under 1 Year of age.		At all Ages.	
		Number.	Crude Rate.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1951	10,610	170	16.0	7	41.0	127	12.0
1952	10,710	177	16.5	3	17.0	144	13.4
1953	10,870	202	18.5	8	39.6	121	11.1
1954	11,110	180	16.2	6	33.3	102	9.2
1955	11,550	196	17.0	7	35.8	114	9.9
1956	12,200	231	19.0	6	25.9	103	8.5
1957	12,630	228	18.0	—	—	101	8.0
1958	13,020	199	15.3	3	15.0	120	9.2
1959	13,430	214	15.9	5	23.4	116	8.6
1960	14,250	238	16.7	3	12.6	135	9.5

VITAL STATISTICS IN ENGLAND AND WALES, 1960.

ENGLAND AND WALES.

Birth-rate, Death-rate, and Infantile Mortality during the Year 1960.

(Provisional Figures).

Annual Rate per 1,000 Population.

		Live Births.	Still Births per 1,000 Births.	Deaths under one year to 1,000 Births.
England and Wales	...	17.1	19.8	11.5
				21.9

TABLE III.

KENILWORTH URBAN DISTRICT

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR,
1960.

NOTIFIABLE DISEASE.	Number of Cases notified.								Total cases removed to Hospital.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Small-pox ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plague ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria (including Mem- branous Croup) ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erysipelas ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever	1	1 .....	.....	.....	.....	.....	.....	.....	.....
Typhus Fever ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enteric Fever ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pneumonia	1 .....	.....	1 .....	.....	.....	.....	.....	.....	.....
Malaria ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meningococcal Infection ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute Poliomyelitis (including Polioencephalitis) ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whooping Cough	17	2	8	7	.....	.....	.....	.....	.....
Encephalitis Lethargica ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ophthalmia Neonatorum ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles	68	.....	39	29	.....	.....	.....	.....	.....
Pulmonary Tuberculosis	7	.....	.....	1	1	3	2	.....	.....
Other forms of Tuberculosis	.....	.....	.....	.....	.....	.....	.....	.....	.....
Food Poisoning	1	.....	.....	.....	.....	.....	1	.....	.....
Totals	95	2	48	38	1	3	3	.....	.....

TABLE IV.
KENILWORTH URBAN DISTRICT.
CAUSES OF DEATH DURING THE YEAR 1960.

CAUSES OF DEATH					MALES	FEMALES
1	Tuberculosis respiratory	...	...	...	1	—
2	Tuberculosis other	...	...	...	—	—
3	Syphilitic disease	...	...	...	—	—
4	Diphtheria	...	...	...	—	—
5	Whooping cough	...	...	...	—	—
6	Meningococcal infections	...	...	...	—	—
7	Acute poliomyelitis	...	...	...	—	—
8	Measles	...	...	...	—	—
9	Other infective and parasitic diseases	...	...	...	—	—
10	Malignant neoplasm, stomach	...	...	...	1	3
11	Malignant neoplasm, lung, bronchus	...	...	...	2	—
12	Malignant neoplasm, breast	...	...	...	—	7
13	Malignant neoplasm, uterus	...	...	...	—	—
14	Other malignant and lymphatic neoplasms	...	...	...	6	8
15	Leukaemia, aleukaemia	...	...	...	—	—
16	Diabetes	...	...	...	1	—
17	Vascular lesions of nervous system	...	...	...	9	11
18	Coronary disease, angina	...	...	...	17	6
19	Hypertension with heart disease	...	...	...	2	—
20	Other heart disease	...	...	...	6	7
21	Other circulatory disease	...	...	...	3	2
22	Influenza	...	...	...	1	2
23	Pneumonia	...	...	...	5	3
24	Bronchitis	...	...	...	6	2
25	Other disease of respiratory system	...	...	...	—	—
26	Ulcer of stomach and duodenum	...	...	...	—	1
27	Gastritis, enteritis and diarrhoea	...	...	...	—	1
28	Nephritis and nephrosis	...	...	...	—	3
29	Hyperplasia of prostate	...	...	...	2	—
30	Pregnancy, childbirth, abortion	...	...	...	—	—
31	Congenital malformations	...	...	...	—	—
32	Other defined and ill-defined diseases	...	...	...	5	8
33	Motor vehicle accidents	...	...	...	3	—
34	All other accidents	...	...	...	—	1
35	Suicide	...	...	...	—	—
36	Homicide and operations of war	...	...	...	—	—
All Causes					70	65

